

Work Order ID 56370

Monday, February 22, 2010 8:46:16 AM



Page 1

Item ID: D412-742-013

Accept



Setup Start



Revision ID:

Item Name: Float Skidtube Installation

Stop



Start Date: 2/22/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 2/24/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: *MK*

Date: *10-2-22* Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

N/A

Rev D

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D412-742-013 CHG006

8 10/2/23

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

10-2-22 SP

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

27 8 10/2/23

(40)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Start Date: 2/22/2010 Start Qty: 1.00



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Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PP D412-742-013
Location: _____

Rev H

10-2-23 SP

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/02/23 J

MF

10-2-23

W/O:		WORK ORDER CHANGES					
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Page 1

Work Order ID: 56370

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 2/22/2010

Required Date: 2/24/2010

Comments: IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

AN4C7A

Purchased

No

110

Each

439.0000 4.0000



Bolt

10-2-22-20

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

439

109147

439

D412-742-043

Manufactured

No

110

Each

0.0000 1.0000



Replacement Float Skidtube

D2571

Manufactured

No

110

Each

24.0000 1.0000



Saddle, Fwd Out 205

4
B54706 SP

10-2-22-20

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

16

11644

1

43564

3

47564

7

52910

5

Main Warehouse

ST433

8

54929

8

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 56370



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 2/22/2010

Required Date: 2/24/2010

Comments: IPP Rev: A 05.10.13 New Issue 1 KJ/JLM
 IPP Rev: B 06-06-08 As per DS19336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

D2572 Manufactured No 110 Each 14.0000 1.0000



Saddle, Fwd In 205



10-2-22 sf

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 14

43565 3

51904 1

52908 10

D2573 Manufactured No 110 Each 27.0000 1.0000



Saddle, Aft Out 205



10-2-22 sf

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 11

43566 3

44206 1

47566 7

Main Warehouse

ST434 16

51522 1

52328 7

52911 8

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Shop Packet Print

Page 2

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
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Parent Item Name: Float Skidtube Installation

Start Date: 2/22/2010

Required Date: 2/24/2010

Comments: IPP Rev: A:05.10.13 New Issue: KJ/JLM[]
 IPP Rev: B 06-06-08 As per DS19336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

D2574 Manufactured No 110 Each 12.0000 1.0000



Saddle, Aft In 205



10-2-2250

Warehouse	Loc Qty	Loc Code
Location		

Main Warehouse

ST	2	
----	---	--

43567	2	
-------	---	--

Main Warehouse

ST434	10	
-------	----	--

53463	10	
-------	----	--

D2876 Manufactured No 110 Each 161.0000 2.0000



Saddle Spacer



10-2-22 30

Warehouse	Loc Qty	Loc Code
Location		

Main Warehouse

ST028	114	
-------	-----	--

42364	114	
-------	-----	--

Main Warehouse

ST051	47	
-------	----	--

51540	47	
-------	----	--

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

S D2877

 Saddle Spacer

Manufactured No 110 Each 92.0000 2.0000



10-2-22 sf

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST028 92

46518 1

47292 54

51541 37

2

D3403-1

 Bushing

Manufactured No 110 Each 125.0000 16.0000



10-2-22 sf
 12x B 56387 10-2-23 sf

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 125

41709 84

44368 16

54237 25

4

-12

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Parent Item Name: Float Skidtube Installation

Start Date: 2/22/2010

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Comments: IPP Rev: A 05.10.13 New Issuef. KJ/JLM
 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN
 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

S D2747 Manufactured No 110 Each 237.0000 4.0000
 Set Screw

10-2-22 sl

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST023 237
 39224 4
 43855 33
 51921 200

4

S D3533-1 Manufactured No 110 Each 180.0000 2.0000
 Set Screw

10-2-22 sl

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST 180
 51602 180

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Start Date: 2/22/2010

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Comments: IPP Rev: A: 05.10.13 New Issue ☐ KJ/JLM ☐
 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

AN4C6A Purchased No 110 Each 667.0000 16.0000
 Bolt

10-2-22 SP

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	4	
103344	4	
Main Warehouse		
ST	663	
111295	0	
112759	25	
112794	138	
113121	500	

16

AN4C52A Purchased No 110 Each 200.0000 8.0000
 BOLT

10-2-22 SP

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	200	
103914	19	
112543	31	
112641	50	
113121	100	

8

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Start Date: 2/22/2010

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Comments: IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

AN6C12A Purchased No 110 Each 115.0000 8.0000
 8 BOLT

10-2-22 SL

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST 115

104289

1

110396

114

8

D3672-3 Manufactured No 110 Each 636.0000 32.0000
 8 Phenolic Washer

10-2-22 SL

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST117 136

51596

136

Main Warehouse

ST77 500

55560 500

32

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 56370



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 2/22/2010

Required Date: 2/24/2010

Comments: IPP Rev: A[105.10.13] New Issue[] KJ/JLM[]
 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN
 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

AN960C416L

Purchased

No

110

Each

1,442.000 32.0000



WASHER



10-2-22 SF

Warehouse

Loc Qty

Loc Code

Location

OFFSHORE

FG

44

104925

44

Main Warehouse

ST

1398

111916

2

112612

496

112794

500

112828

400

D3672-9

Manufactured

No

110

Each

507.0000 8.0000



Phenolic Washer



10-2-22 SF

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

507

35523

507

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 2/22/2010

Required Date: 2/24/2010

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 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP Rev C 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

S

AN960C616L

Purchased No

110 Each

264.0000 8.0000



WASHER



100-22 SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

264

107242

2

110382

12

111424

50

113064

200

2

6

S

D3672-11

Manufactured No

110 Each

71.0000 16.0000



Phenolic Washer



10-2-20 SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

71

35524

71

16

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 2/22/2010

Required Date: 2/24/2010

Comments: IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

MS21043-4 Purchased No 110 Each 508.0000 29.0000
 Nut

10-2-22 sf

Warehouse Loc Qty Loc Code
Location

OFFSHORE

FG 40

104603 40

Main Warehouse

ST 468

112243 2

112314 100

112492 11

113064 355

29

D3403-3 Manufactured No 110 Each 40.0000 8.0000
 Bushing

10-2-22 sf

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST 40

52900 40

6

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN
 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

D3405-041 Manufactured No 110 Each 23.0000 1.0000



Lug Assembly



10-2-22 sf

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST

23

53887

23

D3405-043 Manufactured No 110 Each 14.0000 1.0000



Lug Assembly



10-2-22 sf

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST

14

46589

1

46863

1

52324

1

53888

11

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN
 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

AN4C47A Purchased No 110 Each 118.0000 4.0000
 Bolt



10-2-22

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	118
112489	2
112816	3
113164	13
113302	100

4

D3407-041 Manufactured No 110 Each 18.0000 1.0000
 Tow Ring



10-2-22

Warehouse Loc Qty Loc Code

Location

OFFSHORE

FG	3
35780	3

Main Warehouse

ST	3
48356	1
50755	2

Main Warehouse

ST464	12
55032	12

1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

S D3417-3 Manufactured No 110 Each 109.0000 2.0000
 Washer

10-2-22 sf

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST	109
42176	2
44349	26
51648	28
56182	53

S D3456-1 Manufactured No 110 Each 184.0000 1.0000
 Washer

10-2-22 sf

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST	184
51653	4
54692	180

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 56370



Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 2/22/2010

Required Date: 2/24/2010

Comments: IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

AN3C37A Purchased No 110 Each 102.0000 1.0000
 BOLT

10-2-22 SP

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	102	
111976	2	
112454	100	

1

AN3C40A Purchased No 110 Each 86.0000 1.0000
 BOLT

10-2-22 SP

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	86	
106169	1	
106176	35	
112454	50	

1

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, February 22, 2010 8:46:16 AM

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Work Order ID: 56370



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 2/22/2010

Required Date: 2/24/2010

Comments: IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

AN3C41A Purchased No 110 Each 156.0000 1.0000
 8 BOLT

10-2-22 SP

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
OFFSHORE		
FG	4	
103324	4	
Main Warehouse		
ST	152	
112431	52	
112829	100	

AN3C42A Purchased No 110 Each 134.0000 1.0000
 8 BOLT

10-2-22 SP

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
Main Warehouse		
ST	134	
106169	34	
106176	100	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, February 22, 2010 8:46:16 AM

Page 16

Work Order ID: 56370



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 2/22/2010

Required Date: 2/24/2010

Comments: IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Qty: 1.00

Required Qty: 1.00

AN3C43A

Purchased

No

110

Each

53.0000

4.0000



BOLT



10-2-22 SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

53

106227

2

106228

35

107457

16

AN3C46A

Purchased

No

110

Each

89.0000

5.0000



BOLT



10-2-22 SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

89

106169

5

106176

9

113164

32

113302

43

5

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, February 22, 2010 8:46:16 AM

Page 17

Work Order ID: 56370

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Comments: IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC

Start Date: 2/22/2010

Required Date: 2/24/2010

Start Qty: 1.00

Required Qty: 1.00

AN960C10L

Purchased

No

110

Each

388.0000

26.0000



washer

11AS1149CC332R
 QS1017 SP



1113288

SP

Warehouse

Loc Qty

Loc Code

Location

OFFSHORE

FG

100

103585

100

Main Warehouse

ST

288

112116

128

112612

160

MS21043-3

Purchased

No

110

Each

4,278.000

13.0000



Nut



10-2-22

SP

Warehouse

Loc Qty

Loc Code

Location

OFFSHORE

FG

80

103691

80

Main Warehouse

ST

4198

111819

70

112243

29

112314

4099

13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

Item	Qty -013	Qty -043	Part Number	Description
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION
	1	X	D412-742-043	FLOAT SKIDTUBE
		1	D3391-043	412 FLOAT SKIDTUBE
1		*24	*AN3C4A	*BOLT
3		*12	*AN3C6A	*BOLT
4		*8	*AN3C7A	*BOLT
5		*44	*AN960C10L	*WASHER
21A		*1	*D3564-1	*WEARSHOE (REPLACES D3460-1)
21B		*1	*D3566-1	*GASKET
22A		*1	*D3564-3	*WEARSHOE (REPLACES D3460-3)
22B		*1	*D3566-1	*GASKET
23A		*1	*D3564-5	*WEARSHOE (REPLACES D2577-5)
23B		*1	*D3566-5	*GASKET
10		*1	*D3391-021	*412 FORWARD TUBE
11		**1	**D3401-041	**TOW CAP
12A		**10	**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB166)
12B		**2	**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB166)
13		**10	**AN3C4A	**BOLT
14A		**4	**D3672-1	**WASHER (REPLACES NAS1515H3L)
14B		**10	**AN960C10L	**WASHER
24A		**1	**D3564-13	**WEARSHOE
24B		**1	**D3566-13	**GASKET
20		*1	*D3391-023	*412 MID TUBE
28		**20	**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB116)
30		*1	*D3391-025	*412 AFT TUBE
25A		**1	*D3537-1	**WEARPAD
25B		**1	*D3553-1	**GASKET
26A		**1	*D3537-7	**WEARPAD
26B		**1	*D3553-3	**GASKET
31		**1	**D2646	**AFT CAP
32		**14	**AELS-1032-130	**INSERT
36		**12	**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB366)
37A		**6	**AN3C4A	**BOLT
37B		**4	**AN3C5A	**BOLT
38A		**2	**D3672-1	**WASHER (REPLACES NAS1515H3L)
38B		**10	**AN960C10L	**WASHER

(CONTINUED ON PAGE 19)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

DART AEROSPACE USA, INC.

IIN-D412-742

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(CONTINUED FROM PAGE 18)

Item	Qty -013	Qty -043	Part Number	Description
40	1		D2571	SADDLE, FWD OUTSIDE
41	1		D2572	SADDLE, FWD INSIDE
42	1		D2573	SADDLE, AFT OUTSIDE
43	1		D2574	SADDLE, AFT INSIDE
44	2		D2876	SADDLE SPACER
45	2		D2877	SADDLE SPACER
46	16		D3403-1	BUSHING
47A	4		D2747	SET SCREW
47B	2		D3533-1	SET SCREW
48	16		AN4C6A	BOLT
49	8		AN4C52A	BOLT
50	8		AN6C12A	BOLT
51A	32		D3672-3	WASHER (REPLACES NAS1515H4L)
51B	32		AN960C416L	WASHER
52A	8		D3672-9	WASHER (REPLACES NAS1515H6L)
52B	8		AN960C616L	WASHER
53	16		D3672-11	WASHER (REPLACES NAS1515H7L)
54	24		MS21043-4	NUT
55	4		ANC47A	BOLT
60	8		D3403-3	BUSHING
61	1		D3405-041	GHW LUG
62	1		D3405-043	GHW LUG
63	4		AN4C46A	BOLT
64	4		MS21043-4	NUT
70	1		D3407-041	TOW RING
71	2		D3417-3	WASHER
72	1		MS21043-4	NUT
73	1		D3456-1	WASHER
91	1		AN3C37A	BOLT
92	1		AN3C40A	BOLT
93	1		AN3C41A	BOLT
94	1		AN3C42A	BOLT
95	4		AN3C43A	BOLT
97	5		AN3C46A	BOLT
99	26		AN960C10L	WASHER
100	13		MS21043-3	NUT

*DENOTES PART IS INCLUDED WITH D3391-043 ASSEMBLY ABOVE

**DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

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Revision: D
Date: 07.10.04

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. D AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-742 REV. 3.

REF. FAA STC: SR01583SE
REF. CANADIAN STC: SH05-37
REF. EASA STC: EASA.IM.R.S.01126

REFERENCE ONLY

INSTRUCTIONS:

- 1) FOR D412-742-011/-013 SKIDTUBES @ CHANGE 006 AND SUBSEQUENT, UPDATE THE PARTS LIST TO MODIFY THE BOLT USED TO ATTACH THE GHW LUG AS FOLLOWS:

5.1 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List

32.15 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List

ITEM	Qty -011	Qty -041	Qty -015	PART NUMBER	DESCRIPTION
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION
	1	X		D412-742-041	FLOAT SKIDTUBE
	1		X	D412-742-015	ELECTRIC STEP KIT

IS:

63	4			AN4C47A	BOLT
----	---	--	--	---------	------

WAS:

63	4			AN4C46A	BOLT
----	---	--	--	---------	------

5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

32.16 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

ITEM	Qty -013	Qty 043	PART NUMBER	DESCRIPTION
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION
	1	X	D412-742-043	FLOAT SKIDTUBE

IS:

63	4		AN4C47A	BOLT
----	---	--	---------	------

WAS:

63	4		AN4C46A	BOLT
----	---	--	---------	------

A	NEW ISSUE	AJS	08.12.19
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE USA, INC	
DRAWN	AJS	PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9441	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		BOLT CHANGE	NTS
DATE	08.12.19	COPYRIGHT © 2008 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries